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Patent
Attorney's Docket No. N.C. 83,977

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
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BRUCE et al.)	Group Art Unit: 1733
)	
Application No.: 10/672,271)	Examiner: Mayes, Melvin C.
)	
Filed: September 26, 2003)	Confirmation No.: 8808
)	
For: MICROWAVE ASSISTED)	
REACTIVE BRAZING OF CERAMIC)	
MATERIALS)	
)	

SECOND INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. 1.97, the Examiner's attention is directed to the enclosed documents listed on the attached PTO/SB/08B.

This submission is not to be construed as an admission that a search has been made or that the documents listed above are material to the examination of the application.

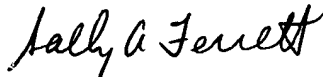
The Examiner is requested to initial the enclosed PTO/SB/08B to indicate the documents have been considered.

This submission is made after a first office action and before a final office action. The Commissioner is authorized to charge the \$200.00 fee due for this submission and any other fee

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that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-0281.

Should there be any questions regarding this submission, or the application in general, the Examiner is cordially invited to contact the undersigned at the number listed below.

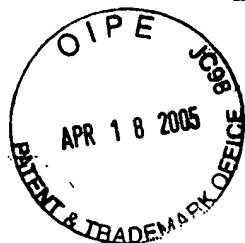

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April 18, 2005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number: 10/672,271
 Filing Date: March 7, 2003
 First Named Inventor: Bruce
 Art Unit: 1734
 Examiner Name: Mayes, Melvin C
 Attorney Docket No.: 83,977
 Date: April 18, 2005

Sheet 1 of 2

NON PATENT LITERATURE DOCUMENTS

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		BRUCE, R.W., FLIFLET, A.W., FISCHER, R.P., LEWIS, D., BENDER, B.A., CHOW, G.M., RAYNE, R.J., KURIHARA, L.K., and SCHOEN, P.E., "Millimeter-Wave Processing of Alumina Compacts," in Microwaves: Theory and Application in Materials Processing IV: First World Congress on Microwave Processing: Microwave and RF Technology - From Science to Application, Ceram. Trans. Vol. 80, pp 287-294, 1997.	
		BRUCE, R. W., FLIFLET, A. W., et al. "Microwave Sintering of Pure and Doped Nanocrystalline Alumina Compacts," MRS Symp. Proc., 430, 139 (1996).	
		FLIFLET, A.W., BRUCE, R.W., FISCHER, R.P., LEWIS, D., KURIHARA, L.K., BENDER, B.A., CHOW, G.M., and RAYNE, R.J., "A Study of Millimeter-Wave Sintering of Fine-Grained Alumina Compacts," IEEE Transactions on Plasma Science, 28(3), 924-935 (2000).	
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Examiner Signature

Date Considered

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Sheet **2** of 2**NON PATENT LITERATURE DOCUMENTS**

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		KURIHARA, L.K., LEWIS, D., FLILFLET, A.W., BRUCE, R.W., "Millimeter Wave Gyrotron Processing of Nanocrystalline Metallic Films and Powders Using the Polyol Process," Abstracts of Papers of the American Chemical Society, 220 177-IEC (2000).	
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Examiner Signature

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